LED matrix display system for Sinhala characters and animated graphics

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LED matrix displays are becoming more and more popular as character displays. Attractiveness of the display and low power consumption are two main reasons for this popularity. But commercially available LED matrix displays cost from morethan Rs. 15,000 and a display with special animation capabilities cost much more. Left to right, right to left scrolling character type displays are commo but graphically animated LED display boards are not that much being used due totheir high cost. Further, Sinhala displayable LED matrix displays are currently not available in the market and this work has been carried out as a solution to these problems. The device discussed in this paper, which is capable of any kind of graphic, costs around Rs. 5000.